

Seung-Yeong Song

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

358
citations

932766

10
h-index

839053

18
g-index

38
all docs

38
docs citations

38
times ranked

270
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of pressure distribution and solution to the problems caused by stack effect in high-rise residential buildings. <i>Building and Environment</i> , 2007, 42, 263-277.	3.0	76
2	Development of operational guidelines for thermally activated building system according to heating and cooling load characteristics. <i>Applied Energy</i> , 2014, 126, 123-135.	5.1	33
3	Evaluation of inside surface condensation in double glazing window system with insulation spacer: A case study of residential complex. <i>Building and Environment</i> , 2007, 42, 940-950.	3.0	28
4	Evaluation of alternatives for reducing thermal bridges in metal panel curtain wall systems. <i>Energy and Buildings</i> , 2016, 127, 138-158.	3.1	26
5	Evaluation of Mechanically and Adhesively Fixed External Insulation Systems Using Vacuum Insulation Panels for High-Rise Apartment Buildings. <i>Energies</i> , 2014, 7, 5764-5786.	1.6	16
6	Comparison of linear and nonlinear statistical models for analyzing determinants of residential energy consumption. <i>Energy and Buildings</i> , 2020, 223, 110226.	3.1	14
7	Determinants of residential end-use energy: Effects of buildings, sociodemographics, and household appliances. <i>Energy and Buildings</i> , 2022, 257, 111782.	3.1	14
8	Evaluation of the Thermal Environment for Condensation and Mold Problem Diagnosis Around Built-in Furniture in Korean Apartment Buildings during Summer and Winter. <i>Energy Procedia</i> , 2016, 96, 601-612.	1.8	11
9	Condensation Resistance Evaluation of a Double-sliding Window System for Apartment Buildings. <i>Procedia Engineering</i> , 2016, 146, 60-68.	1.2	11
10	Analysis of Building Energy Savings Potential for Metal Panel Curtain Wall Building by Reducing Thermal Bridges at Joints Between Panels. <i>Energy Procedia</i> , 2016, 96, 696-709.	1.8	11
11	Effect of Surface Thermal Resistance on the Simulation Accuracy of the Condensation Risk Assessment for a High-Performance Window. <i>Energies</i> , 2018, 11, 382.	1.6	10
12	Insulation plan of aluminum curtain wall-fastening unit for high-rise residential complex. <i>Building and Environment</i> , 2008, 43, 1310-1317.	3.0	9
13	Estimation of energy use and CO2 emission intensities by end use in South Korean apartment units based on in situ measurements. <i>Energy and Buildings</i> , 2020, 207, 109603.	3.1	9
14	Measurement and Normalization Methods to Provide Detailed Information on Energy Consumption by Usage in Apartment Buildings. <i>Energy Procedia</i> , 2016, 96, 881-894.	1.8	8
15	Residential End-Use Energy Estimation Models in Korean Apartment Units through Multiple Regression Analysis. <i>Energies</i> , 2019, 12, 2327.	1.6	8
16	Energy Consumption status of Apartment Buildings and Influence of Various Factors on Energy Consumption. <i>Journal of the Korean Solar Energy Society</i> , 2014, 34, 93-102.	0.1	7
17	Subacute toxicity evaluation in rats exposed to concrete and hwangto building environments. <i>Environmental Toxicology</i> , 2007, 22, 264-274.	2.1	6
18	Cost Efficiency Analysis of Design Variables for Energy-efficient Apartment Complexes. <i>Journal of Asian Architecture and Building Engineering</i> , 2010, 9, 515-522.	1.2	6

#	ARTICLE	IF	CITATIONS
19	Energy Efficiency Analysis of Internally and Externally Insulated Apartment Buildings. <i>Journal of Asian Architecture and Building Engineering</i> , 2011, 10, 453-459.	1.2	6
20	Evaluation of Alternatives for Improving the Thermal Resistance of Window Glazing Edges. <i>Energies</i> , 2019, 12, 244.	1.6	6
21	Time-series analysis of the effects of building and household features on residential end-use energy. <i>Applied Energy</i> , 2022, 312, 118722.	5.1	6
22	Effectiveness of a thermal labyrinth ventilation system using geothermal energy: A case study of an educational facility in South Korea. <i>Energy for Sustainable Development</i> , 2014, 23, 150-164.	2.0	5
23	Empirical Validation of Heat Transfer Performance Simulation of Graphite/PCM Concrete Materials for Thermally Activated Building System. <i>International Journal of Polymer Science</i> , 2017, 2017, 1-9.	1.2	5
24	Influence of Thermal Bridges on the Insulation Performance of Curtain Wall Panel Systems. <i>Journal of Asian Architecture and Building Engineering</i> , 2015, 14, 741-748.	1.2	4
25	Thermal Insulation Performance of Metal-exterior Curtain Wall Panel Systems with Thermal Bridges in Winter. <i>Procedia Engineering</i> , 2016, 146, 8-16.	1.2	4
26	Heating Performance and Occupants's Comfort Sensation of Low temperature Radiant Floor Heating System in Apartment Buildings of Korea. <i>Journal of Asian Architecture and Building Engineering</i> , 2015, 14, 733-740.	1.2	2
27	Influence of Drainage Holes on Condensation Risk and Air-tightness of Windows. An Experimental Case Study of Triple Glazing PVC Windows. <i>Journal of Asian Architecture and Building Engineering</i> , 2017, 16, 83-90.	1.2	2
28	Case Study on the Inspection and Repair of Window Condensation Problems in a New Apartment Complex. <i>Journal of Performance of Constructed Facilities</i> , 2018, 32, .	1.0	2
29	Thermally improved triple-glazing windows considering the condensation resistance (TDR) and thermal transmittance (U-factor) to meet Korean standards. <i>Building Simulation</i> , 2019, 12, 87-98.	3.0	2
30	Detailed Office Building Energy Information Based on In Situ Measurements. <i>Energies</i> , 2020, 13, 3050.	1.6	2
31	Insulation Performance Comparison of Curtain Wall Systems with Existing Pipe Frames and Truss-Shaped Insulation Frames. <i>Energies</i> , 2021, 14, 4682.	1.6	2
32	Analysis of Needs for Building Envelope Insulation Regulations Reflecting the Thermal Bridging Effects through Similar Regulations Review and Case Study. <i>Journal of the Architectural Institute of Korea Planning & Design</i> , 2015, 31, 303-312.	0.1	2
33	Energy, Condensation Risk and Constructability Evaluation of Metal-Exterior Curtain Wall Panel Systems for Reducing Heat Loss through Thermal Bridges. <i>Journal of the Architectural Institute of Korea Planning & Design</i> , 2015, 31, 283-293.	0.1	2
34	Characteristic of Thermal Output of Thermally Activated Building System During the Heating Operation According to FDM Analysis. <i>Korean Journal of Air-Conditioning and Refrigeration Engineering</i> , 2012, 24, 218-223.	0.1	1
35	Improvement of Design Criteria in Heating and Cooling Equipment According to the Consolidation of Design Standard for Energy Saving in Apartment Buildings of Korea. <i>Journal of the Korean Solar Energy Society</i> , 2014, 34, 89-97.	0.1	1
36	Comparison of Surface Thermal Resistance Conditions for the Condensation Resistance Assessment of Windows Using Simulation. <i>Journal of the Architectural Institute of Korea Planning & Design</i> , 2016, 32, 113-120.	0.1	1

#	ARTICLE	IF	CITATIONS
37	Analysis of Annual Energy Use Intensities (EUIs) by End-Use in Apartment Units According to Stratification Variables (2017 – 2018). E3S Web of Conferences, 2019, 111, 04013.	0.2	0
38	Preliminary Findings from an Analysis of Lighting Energy Use of Office Building in Korea. , 2016, , .		0